

Boring Designation BI-PB-135-11

DRILLING LOG		DIVISION South Atlantic		INSTALLATION Mobile District		SHEET 1 OF 1 SHEETS	
1. PROJECT MsCIP Barrier Island Restoration Petit Bois Pass- AL West				9. SIZE AND TYPE OF BIT N/A			
2. BORING DESIGNATION BI-PB-135-11		LOCATION COORDINATES E = 1,137,172 N = 253,892		10. COORDINATE SYSTEM/DATUM State Plane, MSE (U.S. Ft.)		HORIZONTAL NAD83 VERTICAL NAVD88	
3. DRILLING AGENCY Corps of Engineers - CESAM		CONTRACTOR FILE NO.		11. MANUFACTURER'S DESIGNATION OF DRILL Vibracore		<input type="checkbox"/> AUTO HAMMER <input type="checkbox"/> MANUAL HAMMER	
4. NAME OF DRILLER Construction Solutions International, Inc.				12. TOTAL SAMPLES 2		DISTURBED 2 UNDISTURBED (UD) 0	
5. DIRECTION OF BORING <input checked="" type="checkbox"/> VERTICAL <input type="checkbox"/> INCLINED		DEG. FROM VERTICAL		13. TOTAL NUMBER CORE BOXES			
		BEARING		14. WATER DEPTH 32.5 Ft.			
6. THICKNESS OF OVERBURDEN N/A				15. DATE BORING 06-30-11		STARTED 06-30-11 COMPLETED 06-30-11	
7. DEPTH DRILLED INTO ROCK N/A				16. ELEVATION TOP OF BORING -31.4 Ft.			
8. TOTAL DEPTH OF BORING 12.2 Ft.				17. TOTAL RECOVERY FOR BORING 100%			
				18. SIGNATURE AND TITLE OF INSPECTOR Michele Johnson, Geologist			
ELEV.	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS	SAMPLE	LABORATORY RESULTS		
-31.4	0.0						
			SAND, poorly-graded with silt, mostly fine to medium-grained sand-sized quartz, dk brown/dk gray (SP-SM)	A	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.3209 mm % Fines: 6.6		
-35.4	4.0			B	Classification: SP-SM Color: 2.5Y 5/2-grayish brown D50: 0.2445 mm % Fines: 8.4		
-37.0	5.6		SAND, poorly-graded, mostly fine to medium-grained sand-sized quartz, dk gray (SP)				
			CLAY, lean, trace fine-grained sand, dk gray (CL)	NS			
-43.6	12.2						
			NOTES: 1. Soils are field visually classified in accordance with the Unified Soils Classification System. 2. NS = Sample not submitted for laboratory analysis from this interval. 3. Seafloor elevation determined from 2010 USACE survey.				